[54] **RECORDING SYSTEM OF VARIABLE LENGTH PICTURE INFORMATION**

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[57]   **ABSTRACT**

A recording system is provided for a picture information file device having a keyboard, a 2-dimension scanning device, a magnetic tape device, a display device, and a microprocessor. When registering new picture information, a retrieval title to which a delete mark is attached is searched. The length of the picture information recorded at the position represented by this retrieval title is compared with the length of the new picture information to be recorded. If the new picture information to be recorded is shorter, the new picture information is recorded in the deleted picture information area. If the new picture information is longer, another retrieval title with a delete mark attached thereto is searched and the same comparison is made. If all the retrieval titles are searched and there is not retrieval title with a delete mark, or if the new picture information is longer than the deleted picture information of the respective retrieval titles with the delete mark, the new picture information is recorded in the picture information recording area next to the area which records the final picture information.

8 Claims, 13 Drawing Figures